



**OPEN-FILE REPORT**  
This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.  
**OPEN FILE REPORT 78-030**  
**PLATE 25 OF 44**

**EXPLANATION**

— 2900 —  
— 2920 —

**STRUCTURE CONTOURS**—Drawn on top of the coal bed. Dashed where projected beyond boundary of Reserve Base coal. Contour interval 20 feet (6.1 m). Datum is mean sea level.

— 3115 —

**BOUNDARY OF RESERVE BASE COAL**—Drawn along the outcrop of coal bed or the contact between the burned and unburned coal, the 5-foot (1.5-m) coal isopach, and the 1,000-foot (305-m) overburden isopach. Arrows point toward area of Reserve Base coal. Number is altitude, in feet, of top of coal bed at triangle.

○ 2856

**DRILL HOLE**—Showing altitude of the top of the coal bed, in feet.

To convert feet to meters, multiply feet by 0.3.

**COAL RESOURCE OCCURRENCE AND COAL DEVELOPMENT POTENTIAL MAPS  
OF THE BIRNEY QUADRANGLE, ROSEBUD COUNTY, MONTANA**  
BY  
**W. J. MAPEL AND B. K. MARTIN**  
**1978**